

2013 Renewable Energy Fund

Presentation to the Renewable
Energy Coordinating Board

October 22nd, 2013

Summary of Small-Scale Solar Awards

- **Companies/Entities awarded funding (8):**

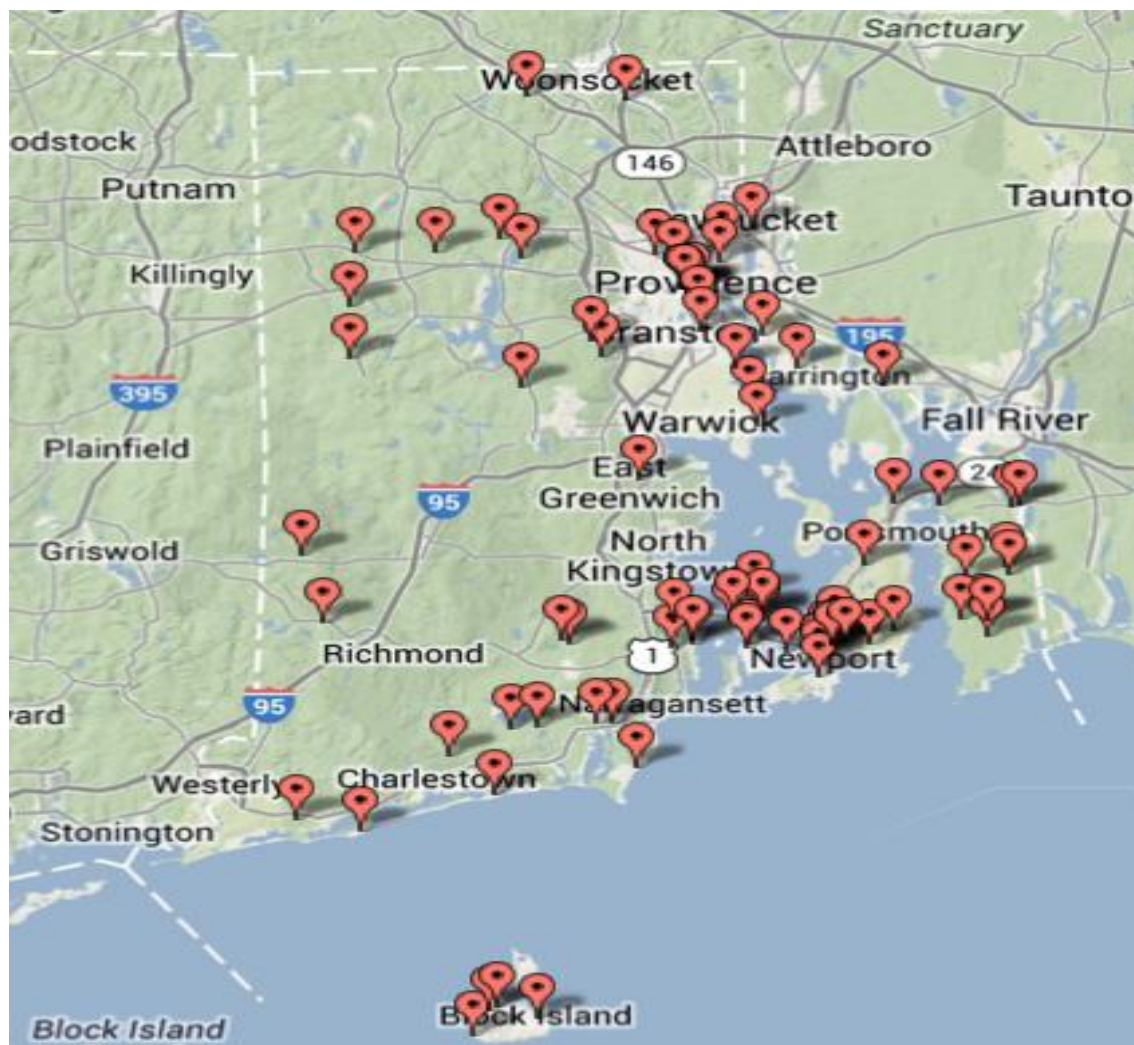
- Newport Solar
- Real Goods Solar
- Newport Renewables
- Island Solar
- US SolarWorks
- Church Community Housing Corporation
- Entech Engineering
- Sol Power Cooperative

Summary: Small-Scale Solar	
Total Number of Applicants Awarded	8
Total Number of Projects	89
Total kW	417.625
Total SDHW	724
Total REF Funding Awarded	\$500,368.86
Total Project Costs	\$2,112,015.75

Small-Scale Solar: Breakdown of Projects

Funding Round	Applicant	Project Cost	REF funds	Total kW	Number of Projects (Grouped projects)
1	Newport Solar	\$52,787	\$13,196.75	11.7	5
1	Real Goods Solar	\$105,554.25	\$26,388.25	19.845	4
1	Church Community Housing Corporation	\$138,384	\$34,596.00	35.8	4
1	US Solar Works	\$90,571	\$22,643.50	18.5	3
1	Entech Engineering	\$166,453.79	\$31,869.00	16.74	4
2	Newport Solar	\$134,090.50	\$33,188.00	28.66	8
2	Real Goods Solar	\$305,506.00	\$72,431.00	59.7	10
2	Newport Renewables	\$113,084.39	\$24,815.47	22.12	4
3	Newport Solar	\$347,131.75	\$79,228.00	75.93	15
3	Real Goods Solar	\$121,249.00	\$30,312.25	29.14	7
3	Newport Renewables	\$196,999.71	\$47,190.29	37.77	6
3	Sol Power, LLC	\$91,479.36	\$22,329.47	18.55	3
3	Island Solar (Solar PV)	\$173,125	\$43,281.25	42.7	8
3	Island Solar (SDHW)	\$75,600	\$18,900.00	724 ft2	8

Map of all 2013 Small-Scale Solar Projects



Commercial Development Direct Project Funding to date

2013 Renewable Energy Fund Summary of the Commercial Scale Direct Funding Program

Project Name	Technology	Funding Round	Total kW	Total Cost	REF funding	# REC/year
Clem's Electric Company	Solar PV	1	32.76	\$136,952.00	\$27,390.40	37
National Security Corporation	Solar PV	1	32.759	\$141,250.00	\$28,250.00	TBD
RI Department of Education: Paul W. Crowley East Bay Met School	Solar PV	1	41.76	\$256,580.00	\$53,170.00	TBD
Summary: Round 1			107.279	\$534,782.00	\$108,810.40	>37

Round 3 Awards to be finalized on October 28 at EDC Board Meeting

Clem's Electric Company

- **Total kW:** 32.76
- **Technology:** Solar Electric
- **Project Cost:** \$136,952.00
- **Total eligible funding:** \$27,390.40
- **Location:** Bristol, RI
- **Company info:** residential and commercial electrical contractor



RI Department of Education: Paul W. Crowley East Bay Met School

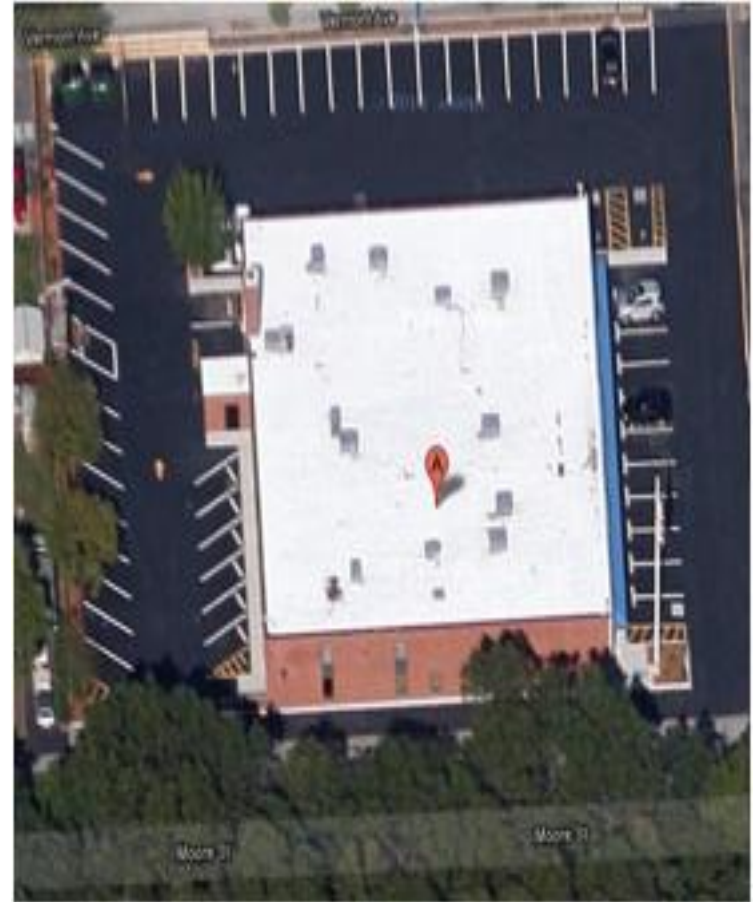
- **Total kW:** 41.76
- **Technology:** Solar Electric
- **Project Cost:**
\$256,580.00
- **Total Funding Awarded:**
\$53,170.00
- **Location:** Paul W. Crowley East Bay Met School, Newport RI.
- **Purpose:** net-zero energy consumption at the school.



Computer Generated Rendering of the new Facility

National Security Corporation

- **Total kW:** 39.759
- **Technology:** solar electric
- **Project Cost:** \$141,250.00
- **Total Funding Awarded:** \$28,250.00
- **Company info:** “S” Corporation. They sell, service, design and install fire, security, CCTV and access security systems
- **Contractor:** Site Specific, Providence RI



Early-Stage Commercialization

- To date, one project has been funded
- Company: VCharge, Inc
 - RI based smart-grid technology company.
- Purpose: Development and deployment of their Vnet Technology in the Pascoag Utility District
 - Electrical thermal storage technology
- REF Award: \$283,500 recoverable grant
- Round 3 applications are under evaluation

Pre-development Feasibility Studies to date

- Total Number of Projects: 3
- Total REF Funding Awarded: \$264,750
- Round 3 Applications due on October 31

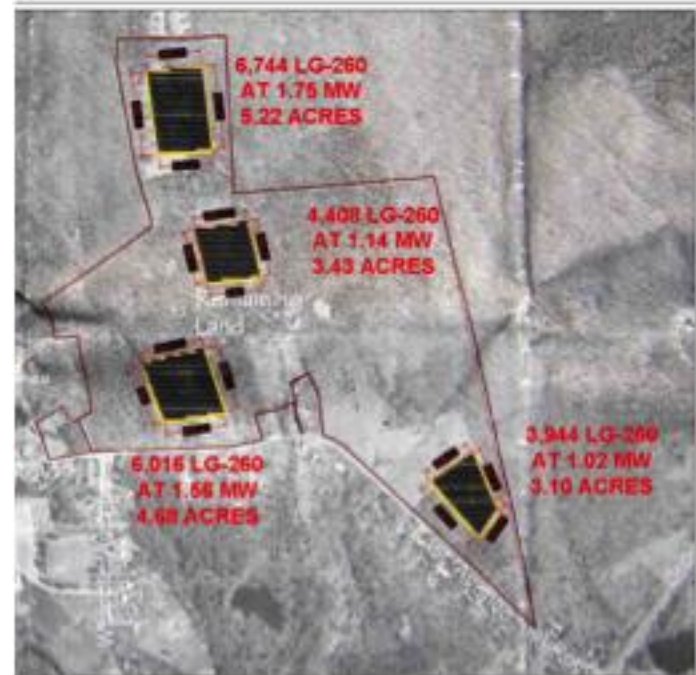
Narragansett Bay Commission

- **Potential Project Size:** 2.6 MW
- **Location:** Bucklin Point Wastewater Treatment Facility in East Providence, RI
- **Total REF funds awarded:** \$25,000
- **Total Study Cost:** \$40,000
- **Project Proposal:** Study economic and physical feasibility of installing solar photovoltaic arrays on two inactive landfills owned by NBC.



East Ave Solar, LLC

- Potential Project Size: 1 MW
- Location: Burriville, RI
- Total REF Funds awarded: \$39, 750
- Project Proposal:
 - To catalyze the development of a 1MW Solar Farm in Burriville
 - To complete all actions which will allow the project to apply for a DG Contract with National Grid



JAL Hydro, LLC

- Potential Project Size: 300kW
- Total Project Cost: \$1,578,817
- Total Predevelopment Cost: \$475,000
- REF Funding Awarded: \$200,000
- Location: Natick Pond Dam, West Warwick
- Purpose:
 - JAL Hydro and NEHC will complete all required permitting, planning, and interconnection activities to build a ~300kW hydroelectric facility at Natick Pond Dam

